Cost effective, ultra-secure desktop virtualization

19CNV42K
23CAV42K
V Series
(TAA Compliant)

ZERO CLIENT MONITORS

HIGH PERFORMANCE VIRTUAL COMPUTING

LG's 19CNV42K and 23CAV42K utilize a Teradici® TERA 2 Chipset and VMware to deliver a powerful and secure virtual computing solution. Compared to a traditional desktop computing system, the V series allows advanced computing with greater security while reducing system-building and maintenance costs. LED backlight technology also provides a bright and clear display to facilitate a comfortable computing experience for daily office work and multimedia applications.

The LG Cloud Monitor (Zero Client) combined with a Teradici PCoIP Processor and VMware Software result in an innovative 'PCoIP Virtual Computing' solution.

ULTRA SECURE
- PCoIP zero clients greatly reduces the risk of virus, spyware, and hacking because all the data, storage, and memory are stored at the central data center. The data never leaves the data center but only transmits pixels, making our zero clients suitable for security critical organizations such as financial firms
- Unique USB authorization provides enhanced security

ZERO CLIENT FLEXIBILITY
- Revolutionary Teradici PCoIP technology for high performance virtual computing
- Fully compatible with VMware View™ Virtual Desktop Environments
- Virtual computing via LAN/WAN - utilizes existing enterprise servers, workstations, and blade PCs
- Allow any user to easily utilize the latest OS and software installed on host

ECO-FRIENDLY COMPUTING
- Reduce computing system building, maintenance, and energy costs
- Low operational cost, high security, and desktop scalability - the ideal solution for IT organizations in healthcare, education, government, and other enterprise market sectors

LED BACKLIGHT
- LED backlight technology takes Full HD (23CAV42K) to new heights with exceptional contrast ratios and brightness levels yet is very energy efficient

KEY FEATURES
- Tera2321 Processor
- Built-in (1W x 2) speakers provides true all in one solution
- Wide Viewing capabilities of IPS (23CAV42K) technology with the superior picture quality of LED backlighting
- Six 2.0 USB input to offer variety usage scene
- Upgraded usability with UPoE ready
- TAA Compliant

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ZERO CLIENT MONITORS

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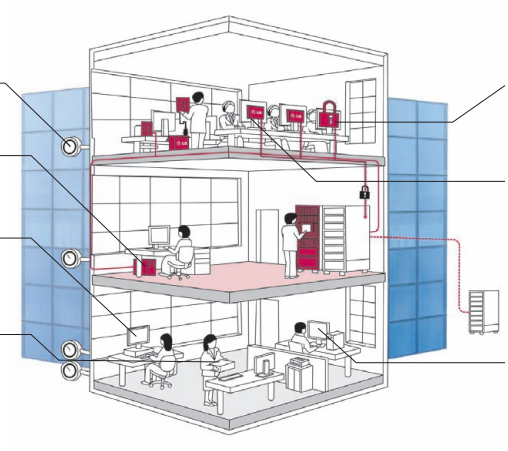
ZERO CLIENT VIRTUAL COMPUTING: ENTERPRISE IT SUPPORT FOR ANY USER


Cost Reduction
Energy Savings
Zero Clients consume as little as 7 watts per hour
IT Management
Total cost of ownership can be lowered with the reduction in management and support of a Zero Clients network
Zero Clients Last Longer
With no moving parts (fan, hard drive) and a MTBF (Mean time between failures) greater than 8 years translates into less maintenance issues
Zero Clients are Less Expensive
Acquisition costs for computing devices can be reduced compared to a traditional desktop setup
Improved Performance
No Maverick Software
Software is loaded and managed by a single point datacenter
Instant On
Zero Clients offer quick booting to reduce wait time
Data Safety & Security
Centralized management
Reduced Noise
The lack of fan or hard drive in each Zero Client means less noise

SPECIFICATIONS

System	19CNV42K	23CAV42K
Processor	Teradici Tera2321 PCoIP Chip	Teradici Tera2321 PCoIP Chip
Memory	512MB	512MB
Networking	10 / 100 / 1000 Ethernet	10 / 100 / 1000 Ethernet
Panel		
Size	19" Class (19.0" measured diagonally)	23" Class (23.0" measured diagonally)
Panel Type	TN	AH-IPS
Aspect Ratio	16:10	16:9
Resolution	1440 x 900	1920 x 1080
Color Depth (DFC)	16.7M	16.7M
Pixel Pitch (mm)	0.2835(H)x0.2835(V)	0.2652(H)×0.2652(V)
Brightness (Typical)	250cd/m²	250cd/m²
Contrast Ratio (Original)	1,000:1 / 5,000,000:1 (DFC)	1,000:1 / 5,000,000:1 (DFC)
Response Time (Typical)	5ms	14ms
Viewing Angle	170° / 160°	178° / 178°
Input/Output		
D-sub in	Yes	Yes
DVI-I out (Dual)	Yes	Yes
Others	LAN (Ethernet)	LAN (Ethernet)
USB (2.0)	6 (4 Rear, 2 side)	6 (4 Rear, 2 side)
Audio Input (Mic In)	Yes	Yes
Headphone Out	Yes	Yes
Speaker		
	1W x 2	1W x 2
Power Consumption (Typical)		
Watts in on	20W(D-sub)/27W(PCoIP)	24W(D-sub)/29W(PCoIP)
Watts in sleep	0.5W(D-sub)/7W(PCoIP)	0.5W(D-sub)/7W(PCoIP)
Watts in off	0.5W(D-sub)/0.5W(PCoIP)	0.5W(D-sub)/0.5(PCoIP)
Analog Frequency		
H-Frequency	30kHz ~ 66kHz	30kHz ~ 68kHz
V-Frequency	57Hz ~63Hz	57Hz ~63Hz
Special Features		
	(6) 2.0 USB, TAA Compliant, UPoE ready	(6) 2.0 USB, TAA Compliant, UPoE ready
Stand		
Tilt	-5°(front) / 15°(rear)	-5°(front) / 15°(rear)
Base Detachable	Yes	Yes
Pivot	Yes	Yes
VESA Mount™	100mm x 100mm	100mm x 100mm
Height (mm)	130mm	130mm
Swivel (Angle)	90°	90°
Dimensions		
Set w/Stand (W x H x D)	17.3" x 14.6" x 5.1"	21.4" x 15.2" x 5.1"
Set w/o Stand (W x H x D)	17.3" x 11.9" x 1.9"	21.4" x 13.1" x 1.9"
Box (W x H x D)	20.0" x 14.6" x 7.8"	24.3" x 15.9" x 7.8"
Weight Set w/Stand	10.0 lbs	12.3 lbs.
Weight Set w/o Stand	5.1 lbs	7.4 lbs.
Box weight	13.1 lbs	16.2 lbs
UPC	7 19192 19161 7	7 19192 19162 4
Warranty	3 Years (Parts, Labor, Backlight)	3 Years (Parts, Labor, Backlight)

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